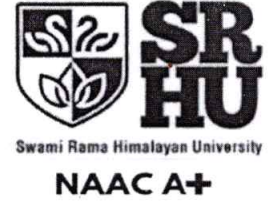




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Dr. Shaili Vyas

HIMS/DME/2025/149

Date: 25.06.2025

Clinical Death Review

Date : 28.06.2025
Day : Saturday

Time: 08:30 AM – 09:30 AM
Venue: Adi-Kailash Auditorium
(Near - Emergency Building)

First 10-minute Topic: "TUBERCULOSIS SCREENING AT SRHU"

Presenter: Dr Rakhee Khanduri, Professor & Head
Dept. of Respiratory Medicine

Tuberculosis screening is crucial in India due to the country's high burden of TB cases.

Topic: Tuberculosis (TB) remains a major public health challenge in developing countries, often complicated by issues of treatment adherence, drug resistance, and systemic complications.

Presenters: Dr. Pranshul- Junior Resident-Respiratory Medicine
Dr. Sammi- Junior Resident-Respiratory Medicine

Moderator: Dr Rakhee Khanduri, Professor & Head, Dept. of Respiratory Medicine
Critics: Dr. Mitali (Assistant Professor General Medicine)

Abstract:

Tuberculosis (TB) remains a major public health challenge in developing countries, often complicated by issues of treatment adherence, drug resistance, and systemic complications.

This case highlights the tragic trajectory of a 52-year-old male with pulmonary tuberculosis who defaulted on antitubercular therapy (ATT) after four months of treatment initiation. Following his initial diagnosis and brief clinical stabilization, the patient became lost to follow-up, leading to a cascade of preventable complications. He presented again with acute respiratory symptoms and was diagnosed with PTB relapse, being complicated by fibrocavitary lung disease, severe hypoproteinemia, and the development of a right lung bulla. Despite reinstitution of ATT, the patient's clinical course rapidly deteriorated with superimposed bacterial infections, cardiovascular instability, and eventually a non-ST elevation myocardial infarction (NSTEMI) with cardiogenic shock. A sudden right-sided pneumothorax, likely due to bulla rupture, required emergent chest intervention, but the patient succumbed to refractory shock despite resuscitative efforts.

This case underlines the severe consequences of TB treatment defaulting—including persistent infectivity, increased morbidity, progression to drug-resistant TB, and fatal pulmonary or cardiovascular events. It also emphasizes the need for robust TB control strategies, including patient education, adherence monitoring, and early recognition of complications such as bronchiectasis, pneumothorax, and vascular compromise.

Programme for Clinical Death Review:

Topic	Presenter	Duration
Introduction	Dr Rakhee Khanduri	01 minutes
History and Examination Clinical course and Management	Dr Pranshul	20 minutes
Diagnosis and Discussion	Dr Sammi	15 minutes
Critics	Dr Mitali (Assistant Professor General Medicine)	15 minutes
Questions & Answers	Dr Rakhee Khanduri	10 minutes

All Faculty & Post Graduate Residents are required to attend the CDR.

Department: Respiratory/Pulmonary Medicine

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